FIG. 2B

				•																	, ··				٠		
			540		900			099			720			780			840	•		900			960			1011	
	180	Thr Met Thr Thr Val Glv Phe Glv Asp Leu	TTG				CVS		240	Gln	CAA	260	Tyr		280	Asn		300			320	Gln	CAA	-	(SEQ 13 NO:4)	(SED () MO3)	•
		Asp	GAC	Lys	AA.		Met	ATG		Ile	ATT		Leu	CTC		Glu	GAG		Arg	CGA		Met	ATG		À	<u> </u>	
		건	၁၁၁	Gly			Tabr			Lys	AAA		Glu	GAA		Val	GTG		Ile	ATT		Asp	GAT		SEG	SED	
) ada	rtt (Leu (TTA (Thr '	ACT 1		Arg]	AGA 1		Ser (ATA (TGT /		Ile 1	ATT (`	TAG (
		7	ACT GTC GGG TTT	Ile 1	ATT			TTT TTA GGT CTT GCA ATA ACT ACA		Gly 1	GGA 1		Val 9	GTA 1			TTT ?		Arg (CGA		Ala]	GCA A	336	Lys		
		Tall Tall	TC O	Ile 1	ATC A		Phe Leu Gly Leu Ala Ile	CA		Phe G	TTC C		Leu V	CTT G		Ala F	GCT 1			ATC C		Ser A	TCT G	m	Phe I	TTC A	
		7 7	T.	Tyr I			A L	F.		Tyr P	TAT T		Val L	GTC C		Glu A	GAA G		Asp I	GAT A		Ser S	TCG T		Ala P	GCA T	
	~	H					K	T CJ																			
	H5-2	뒴	ACT	Leu	CTC		9	SS		His	CAT		Val	GTA			ť		Thr	ACT		Ser	TCA		Arg	CGT	_
		Ket	ATG	Leu	TTG	,	Leu	T		Ile	ATT		Lya	AAG			ည်င		Pro	CCA		Thr	ACG		Asn	AAT	ם
		퉊	ACA	Ile	ATA		व्यव	TIT		Lys	AAG		G1y	GGA		Met	ATG	,	Ile	ATA		Ser	TCC		Len	CIC	
	170	F	ATT 190	Ile	ATC	210	品	ATA	230	Arg	CGA	250	G1y	GGA	270	Asn	AAC	290	Phe	TTC	310	Ile	ATT	330	Ser	TCT CTC AAT	CIL
		Phe	TŢ	Tyr	TAT		Lys	AAA					Val	GTA		Arg	CGT		Pro	CCA		Thr	ACC			TAT	
		Ser	JCC	Met	ATG		Phe	TTC		K	TAT		Val	GTT		Ala	GCT		Ile	ATA		Ala	GCT		Arg	AGA	
		g	TGG	Tyr]	TAC ,		Lys	AAA		Gln Tyr Ile	SAG		Ala	ပ္ပပ္ပ		Arg	CGA			ATC		Ala	GCT		Ser	TCA	
		Phe Tyr Trp Ser Phe	TAC	Gly	CGA		Glu	CAA			GTA_CAG TAT ATT		Leu /	TTG		Lys 1	AAG (CAC		Asp 1	GAT (His :	CAT	
		ä	TTC	Asp (GAC		Lys (AAA O		Sly Val	CGA		Ala I	GCA 1			CAA 7			AAA O		Ala A	225		Cys 1	TGT (•
			_	_						- 1	_														Phe C		
	i	ir S	ACT TCA	rg A	SA AS		S L	A A		7 7	ပ္		g S	Y Y		υ. W	Z Y		. Val Ser	E E		In T	CAA A		rg P	SA T	
	1	Phe Phe Thr Ser	¥ ∪	<u>Met Pro</u> Arg Arg	ATG CCC AGA AGG		Ser Met Lys Lys	TCA ATG AAA AAA		lle Asp Leu Val	ATT CAT TTG GTA		Asp Ala Arg Ser	T AC		Ala Asn Leu Met	T E		r Vi	ن ا		Asp Gln Thr	E E		s Arg	T AGA	
	;	Ph Ph	TTC TTC	H	S		Ψe	AT		AS	S		A	ပ္ပ		As	¥		Tyr	T.		As	GAT		Ser Cys	TG	
	;	Phe	TTC	Met	ATC		Ser	TCA		1	ATT		Asp	CAC		Ala	SCA		Leu	CTC		Ile	ATT		Ser	AGT	

Ce orfl Dm orfl	MCDNDUTT.		************			50
Din Otti	WOLKWITTT	IFTISTEMPC	AATTTHIERG	EERISKAEUR	KAQIAINEYL	50
Consensus	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••		50
Ce orfl		MSDQLFVA				38
Dm orfl	LEELCOKNTT	TQDEILQRIS	DYCDKPVTLP	PTYDDTPYTW	TEYHAFFFAF	100
Consensus	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	<u>tw</u>	TE EFA.	100
Ce orfl	TVV1THGYGN	JeviAMThricRit	wdīltestricī	PLTLVT IAIL	TACKFLSEHLV	88
Dm orfl	TVESTMCYCN	TSHITTERCRM	IMIAYSVICI	PINGILFALL	AGKFLSEHLV	140
Consensus	TY. H. CYCN	1 1111 1 1	. II. S. CI	1 111]	•
Ce orfl					SEKRIP AFLV	
Dm orfl	CHYFGRT	FEATYRRYKK	YKMSTDMHYV	PPQUOLITTY	VIALIPCIAL	187
Consensus	· · ·		Ы		ІгР	200
Ce orfl	LAITHVYTAF	GGVLMSKLEP	wserm@ # WWS	Te affilder More	О МРККООМ	188
Dm orfl	FLULPCVGVH	LLRELCLSS-	ist yws	Whitehore	DYVPR-FOAN	231
Consensus	t I		1111	1 1 1 1 1 1 1 1	1 1 1 1 1 1	250
Ce orfl	YIILLYIILG QPKEFGGWFV	KFSMKKKQKF	KIFLGLAITT	McIDLVQVQY	IRKIHYFGRK	238
Dm orfl	QPKEFGGWFV	VYQIFVIVWF	TESTORINA	MIFITHOLOS	KKLAYLEQQL	281
Consensus	•••••		1 1 1	1 1111		
Ce orfl	IQDARSALAV	VGGKVVLVSE	LYANLMOKRA	RNMSREAFIV	ENLYVSKHII	288
Dm orfl	SSNLKATONR	IWSOVITKOVG	YLRRMLNELY	ILKVKPVYTD	VDIAYTLPRS	331
Consensus		11				
Ce orfl	PFIPTDIRCI	-RYIDQTADA	IAZZZTĒLTA	DMOSCRECHS	RYSLURAFRX	337
Dm orfl	NSCHOLSMYR	VEPAPIPSRK	RAFSVCADMV	GHOREAGMVH	MSDIDLIKE	381
Consensus	<u>P</u>	• • • • • • • • • • • • • • • • • • • •	g	ld	[5][4].	400
Ce orfl						337
Dm orfl	DREKTFETAE	AYHOTTDLLA	KVVNALATVK	PPPAEQEDAA	LYGGYHGFSD	431
Consensus						
a						137 (SEQ ID NO
Ce orfl	COTIACTIC			NI ENDOUGEE	DDI BCCRNEM	481 (SER ID NO.
Dm orfl						
Consensus	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	500

FIG. 4

FIG. 5A

>	Ω≖	42	ΉΩ	9.9	44	9.9	O P	99	9.9
TAA	CAC 3	Phe /	Ser I	Tyr /	हें हैं विक्र	Tyr :	Pro V	ਨੂੰ ਸੋ ਨੂੰ ਸੋ	Tyr !
TAT	Phe	Ala GCC	Phe TTT	Arg	Pro	Thr	val GTT	Thr	H1s CAC
TA.	Val GTG	Ala GCT	Ser	Val GTC	Thr	Teu	Mec	Thr	TYT
AAA	Asp GAC	Gln CAG	His	Gln CAG	Pro	CTC	Met ATG	Phe	His
AAA	Lys AAG		380 GLY GGA	Acc	Arg CGT	Thr ACA	ACC ACC	Thr	H1s CAT
ATAATTATTAAAAAAAAAAAAAAA	Pro) Jor Jes	Tyr	Arg	Tyr	Ser	Val GTT	Asn AAC	Gln
	Ser	Val GTT	CLC Ten	Ala GCT	CIC	Phe	Thr	ror evo	Lys Aaa
388	Ile	JGC Sys	Ser	TAT	Lys AAA	CIC	Thr	TAT	G1y GGA
1388 (SEQ	434 Leu TTA	Thr	Ala	Pro	Phe TTT	Val GTC	Arg	999 719	Met
		410 CTT	CIC Ten	360 Val GTT	Ala GCC	310 Phe TTC	GA GA GA	260 Gln CAA	443 1110
DN0:36	EQ	Met	Ala GCA	Phe	Ile ATA	Asn AAT	Asp GAT	CTC	Ile ATT
П	A F	Val GTT	Met	Phe I'I'I	Ile	Teu	Ser	Phe	Arg
ת ס	(SEQ ID NO:63) TAA ATATTTATAGCATTAGAGTATACTTGTTATATGTTGTTTTTTTAA	GCC Cly	G1y GGA	Glu GAG	OLL Der	Phe	61.7 61.7	Asn AAT	Glu GAA
0	ATTA	CTT	Tyr	Ser	Arg	Ala GCT	Phe TIC	Val	Lys
U	GAGT	OLO Ten	390 Thr ACT	Thr	340 Ala GCT	Ala CCG	290 Leu CTA	विद्व	240 Ala GCG
	ATAC	Thr	Pro	Asp GAC	CIT	Ile ATT	Asn	Phe	G1u GAA
	TGT	GCT	Asn AAC	Ile ATT	Phe	61y	Lys AAA	্য পুত্ৰ পুত্ৰ	Thr
•	TATA	255 Å15	Val GTC	Phe	Ile ATT	Ser	Ile	Phe	Asp GAC
	TCTT	CIG	Val GTG	Val GTG	Pro	Ile ATA	Met	Ala GCC	Arg
	GTT	420 Trp TGG	Pro	370 Ile ATT	Phe	320 Val GTT	Ser	270 Val GTT	Pro
	TAT	Pro	Ser	CLY	Phe	Ala GCT	G1u GAA	Thr	Ser
	TAAG	Val GTT	His	Gly GGA	Phe	Ser	Asn AAC	CIC Ten	Pro
	CIGI	Val GTT	Tyr	Ile ATT	Phe	Lys AAG	Asp	Thr	Ser
	GCA.	Ile ATT	Ser	Ala GCC	ादूर १५५	Ile ATT	G1u GAA	Ile ATC	Ile
	GCTGTGGĀATAĀĀ	GAG GAU	Arg AGA	Met	Asn AAC	His	300 Ile	Phe	250 Leu CTT
	1364	1275	1200	1125	1050	975			
	A	75	0	25	0	75	900	825	750
•									

FIG. 9B

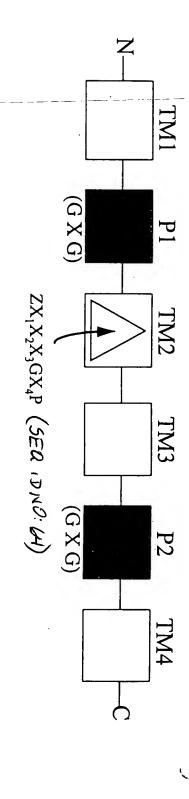


FIG. 10